

## PRESSURE SENSITIVE ELECTRONIC COMPONENT

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### Abstract

**PROBLEM TO BE SOLVED:** To provide an electronic component which can be easily produced and allow to press stroke to be long and resistance value to be finely adjusted easily.

**SOLUTION:** This component comprises a pressure sensitive film element 20 composed of a pressure sensitive resistance film 23 which decreases the resistance in the thickness direction when pressed in this direction, two electrode patterns 21 formed on the lower face of the film 23, and conductor pattern 25 formed at the opposite position on the upper face of the film 23 to the patterns 21, leave spring-like elastic members 30 disposed on the element 20 so as to press the pattern 25 just above the patterns 21 on a base 10, and key tops 40 to press the members 30. Pressing the key top 40 elastically presses the film 23 of the element 20 due to the elastic force of the member 30 to change the resistance value in the thickness direction, thus changing the resistance between the patterns 21.

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